



**ANDHRA PRADESH STATE ENERGY EFFICIENCY DEVELOPMENT  
CORPORATION LIMITED (APSEEDCO)**  
**ENERGY DEPARTMENT, GOVERNMENT OF ANDHRA PRADESH**  
(A Joint Venture Entity of GoAP and AP Power Utilities)  
CIN : U40101AP2016SGC103976



**TENDER NO.: APSEEDCO/ EHT SS/R-e-08/2021**

## **TENDER SPECIFICATION FOR**

**Selection of Installation Agency/Firm for Installation/ retrofitting of existing conventional Bulbs, Ceiling Fans, Tube lights, Outdoor lights with Energy Efficiency Ceiling Fans, LED Tube Lights, outdoor lights, LED Bulbs and all associated works in**

- ❖ **171 No's EHT Sub Stations (108 Nos-132 KV, 58 No's-220 KV, and 5 No's-400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts).**

## **INDEX**

SERIAL NO.	DESCRIPTION	PAGE NOS.
1.	NOTICE INVITING TENDER	3
2.	SUBMISSION OF BIDS	8
3.	SCOPE OF WORK	10
4.	GENERAL TERMS & CONDITIONS	14
5.	TENDER FORMS	21
6.	PROFORMA FOR PERFORMANCE BANK GUARANTEE	32
7.	ANNEXURE - BOQ 171 No's EHT Sub Stations (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV)	35

## 1. NOTICE INVITING TENDERS

1	Department Name	:	APSEEDCO
2	Bid Number	:	APSEEDCO/ EHT SS/R-e-08/2021
3	Bid Subject	:	<b>Selection of Installation Agency/Firms for Installation/ retrofitting of existing conventional Bulbs, Ceiling Fans, Tube lights, Outdoor lights with Energy Efficient Ceiling Fans, LED Tube Lights, outdoor lights, LED Bulbs and all associated works in</b>  <b>** 171 No's EHT Sub Stations (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts).</b>
4	Package No.	:	APSEEDCO / EHT SS/R-e-08/2021
5	Period of Contract	:	60 days
6	Form of Contract	:	<b>WORK</b>
7	Bid Type	:	Open Competitive Bidding
8	Bid Category	:	Works
9	Bid Validity	:	90 days from Scheduled Bid submission closing date i.e. up to <b>12-10-2021</b> .
10	EMD / Bid Security	:	<b>Rs. 65,720.00</b>
11	EMD Payable to	:	Managing Director /APSEEDCO, Vijayawada through online payment mode facilitated in e-Procurement portal and shall cover a period of 45 days over. i.e., up to <b>26-11-2021</b> .
12	Performance Guarantee Payable to	:	Bank Guarantee issued by a Nationalized Bank/ Scheduled Bank (as per the list enclosed) in favor of the Managing Director /APSEEDCO, Vijayawada, and shall cover a period of 1 Year .
13	Transaction Fee	:	0.03% on ECV (Estimate Contract value) or with a cap of Rs. 11,800/- (including 18.00 % GST on Transaction fees) or applicable fees. Please refer e-procurement web-site.
14	Transaction Fee Payable to	:	Payable to <b>APTS, Vijayawada</b> .
15	Schedule Sale opening Date	:	<b>14.07.2021 at 05:00 PM (IST)</b>
16	Schedule sale Closing Date	:	<b>13.08.2021 at 05:00 PM (IST)</b>
17	Bid Submission Closing Date	:	<b>13.08.2021 at 5:00 PM (IST)</b>
18	Bid Submission	:	Online
19	Pre-Qualification/ Technical Bid Opening Date (Q.R stage)	:	<b>13.08.2021 at 5.30 PM (IST)</b>
20	Price Bid Opening Date	:	<b>17.08.2021 at 11:00 AM (IST)</b>
21	Reverse Tendering	:	<b>Mandatory in GoAP</b>
22	Place of Bid Opening	:	O/o. Managing Director, APSEEDCO, Vijayawada
23	Officer Inviting Bids	:	Managing Director, <b>Andhra Pradesh State Energy Efficiency Development Corporation Limited (APSEEDCO), Vijayawada</b>

24	Address	:	APSEEDCO, Govt. of Andhra Pradesh, Energy, Dept., 2nd Floor, SBI building Vijayawada-520004.
25	Contact Details/		9963015797
26	Telephone/Mail ID	:	<a href="mailto:md.apseedco@gmail.com">md.apseedco@gmail.com</a>
27	Eligibility Criteria		Refer Clause No.18.1 'Qualification Requirements'
28	Procedure for Bid Submission	:	Refer Clause No.1 Instructions to the bidder
29	General Terms & Conditions		Refer Clause No.18 General Terms and conditions of specification Note: Bidders are requested to go through all the clauses and Contents of specification thoroughly and quote the bid. Ignorance of clauses will not be entertained by the purchaser at later date.

**Selection of Installation Agency/Firms for Installation/ retrofitting of existing conventional Bulbs, Ceiling Fans, Tube lights, Outdoor lights with Energy Efficient LED Bulbs ,Ceiling Fans, LED Tube Lights, outdoor lights, and all associated works in**

- **171 No's EHT Sub Stations (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts).**

**1. Instructions to bidders:**

1.1 **General:** The APSEEDCO invites bids on e-procurement platform for the works mentioned in the **Notice Inviting Tender (NIT)** and Project Data sheet in which date and time is specified in the NIT and will be opened online by either Bid inviting authority or his nominee based on the date and time mentioned in the NIT. The details of Bid inviting authority are mentioned in the Project Data Sheet.

1.2 The Bids should be in the prescribed form as per this specification and as per the guidelines of e-procurement and as specified in NIT and Bidding documents can be downloaded at free of cost from the website [www.apecprocurement.gov.in](http://www.apecprocurement.gov.in)

1.3 The dates stipulated in the NIT are firm and under any circumstances they will not be relaxed unless officially extended by APSEEDCO in e-procurement plat-form.

1.4 The e-Procurement application is PKI (Public Key Infrastructure) enabled and supports the digital certificates issued by APTS Ltd., (Andhra Pradesh Technology Services Limited) for signing the bids at the time of submission by bidder. The bidder has to procure the digital certificates issued by APTS Ltd., Vijayawada by following the procedure laid for the same. Digitally signed bids are to be submitted electronically through e-procurement without which the Bid will not be considered for opening.

1.5 The intending Bidders would be required to enroll themselves on the 'e'-procurement market place at [www.apecprocurement.gov.in](http://www.apecprocurement.gov.in). Bidders are required to submit their bids in two parts:

1. Part-I: Eligibility and Technical bid.
2. Part-II: Financial bid.

1.6 The Bidder should upload scanned copies as specified in the checklist and all enclosures required for the schedules and Appendices. The bidder should produce the originals of all uploaded documents for verification if asked for by the Competent Authority within 3 (Three) days.

1.7 The uploading of bids on-line through e-procurement cannot be possible after expiry of the due date and time and it is the sole discretion of APSEEDCO to consider any requests for extension.

1.8 **Transaction fee:** The Transaction fee at 0.03% on Estimate Contract value (ECV) of work plus 18% GST on transaction fees or with a cap of Rs. 11,800/- (including 18.00 % GST on transaction fees) shall be payable by electronic Payment on e-Procurement platform, which provides a facility to participating suppliers/ contractors to electronically pay the transaction fee from the platform, using their credit cards. The Payment Gateway accepts all Master and VISA credit cards issued by any bank. The payment of transaction fee online is mandatory for participating in the bidding.

1.9 Successful Bidder shall pay the Corpus fund to APTS @ 0.04% on ECV in the form of DD payable at Vijayawada and drawn in favor of MD, APTS, Vijayawada to sustain 'e' procurement initiatives, research and development of software applications for automation for process in user departments.

**1.10 The successful Bidder is expected to complete the work within the time period and as per PERT/ Bar Chart to be furnished by the successful bidder at the time of kickoff meeting.**

1.11 APSEEDCO reserves the right to cancel/extend/alter the bid conditions at any time. In the process, if the tender process / work is stalled due to legal intervention or due to natural calamities, no compensation will be paid.

## **2.0 Bidders / Firms eligible to Bid:**

The Bidders / Firms who

- i. Possess the valid registration and satisfies all the conditions herein.
- ii. Are not blacklisted or debarred or suspended by the Government /any power utility for whatever the reason, prohibiting them not to continue in the contracting business.
- iii. Have complied with the eligibility criteria specified in General Terms & Conditions in Section -18 of this Specification are the eligible Bidders/Firms.

## **2.1 Bidders / Firms ineligible to Bid:**

(i) A retired officer of the Govt. of AP or Govt. of India or APTRANSCO or their subsidiaries' is disqualified from tendering for a period of two years from the date of retirement without the prior permission of the Parent Department. The contractor shall intimate the list of his employees who were retired from Government/APTRANSCO or their subsidiaries along with the permission possessed from parent department.

(ii) The Bidder who has employed any retired officer as mentioned above shall be considered as an ineligible Bidder.

(iii) The contractor himself or any of his employee is found to be Gazetted Officer who retired from Government Service and had not obtained permission from the parent department for accepting the contractor's employment within a period of 2 years from the date of his retirement.

(iv) The Contractor or any of his employees is found at any time after award of contract, to be such a person who had not obtained the permission of the Government as aforesaid before submission of the Bid or engagement in the Contractor's service.

(v) Contractor shall not be eligible to Bid for works in APSEEDCO where any of his near relatives are employed in the rank of Assistant Executive Engineer or Executive Engineers and above on the Engineering side and Assistant Accounts Officer and above on the accounts side. The Contractor shall intimate the names of persons who are working with him in any capacity or are

subsequently employed. He shall also furnish a list of Gazetted / Non-Gazetted State Government Employees related to him. Failure to furnish such information, Bidder is liable to be removed from the list of approved contractors and his contract is liable for cancellation.

**Note: Near relatives include**

- i. Sons, step sons, daughters, and step-daughters.
- ii. Son-in-law and daughter-in-law.
- iii. Brother-in-law and sister-in-law.
- iv. Brothers and Sisters.
- v. Father and Mother.
- vi. Wife /Husband.
- vii. Father-in-law and Mother-in-law.
- viii. Nephews, nieces, uncles and aunts.
- ix. Cousins and any person residing with or dependent on the contractor.
- x. The Companies which are blacklisted by any other utility and whose promoter's firms or companies were already blacklisted /debarred by any other utility shall be considered as ineligible bidder. Further, the bidder shall give an undertaking (as per Schedule V- (E) that, if the information furnished in this regard is found to be false at a later date the bidder will be made ineligible or the contract will be terminated.

**3.0 Documents to be furnished for Qualification requirements of the Bidders:**

**3.1** The Bidder shall furnish the following particulars in the formats provided online and supported documentary evidence shall be uploaded.

Attested copies of documents relating to the Registration of the firm, Registration as Electrical Licensed Contractor in A.P, Partnership deed, Articles of Association, Commercial Tax Registration /, Latest Income Tax Clearance certificate / PAN number from IT Department, GST registration, excise department registration certificates, Labor department registration etc.

**Note:** The Partnership firms, which are registered as Contractors shall intimate the change in partnership deed, if any, as per GO Ms. No.58, I & CAD, dt.23.4.2002 within one month of such change. Failure to notify the change to the registration authority in time will entail the firms to forfeit their registration and their Bid will be rejected. The intimation of change of partners if any and the acceptance by the Registration authority may be enclosed. Further the change if any in the official address, phone/fax numbers etc., shall be intimated.

**3.2** Availability of key personnel for administration /site management and execution viz., technical personnel required for the work.

**3.3 Qualification criteria for opening of the price bid:** Bidders qualified in the Technical / Pre-qualification Bid if they meet the requirements as per 'Qualification Requirements' of Section-18.

**3.4** Even though the Bidders are meeting the above qualification requirements, they are liable to be disqualified / debarred / suspended / blacklisted if they have

- a) Furnished false / fabricated particulars in the forms, statements and /annexure submitted in proof of the qualification requirements and/or
- b) Not turned up for entering into an agreement, when called upon within the time specified in the letter of acceptance
- c) Record of poor progress such as abandoning the work, not properly completing the contract, inordinate delays in completion, litigation history or financial failures etc.
- d) A history of criminal record in which the Bidder is involved if any.
- e) History of litigation with Government/APTRANSCO/APSEEDCO or their subsidiaries during the last 5 years in which the Bidder is involved.

- f) Any wrong declaration or hiding of information on clause (vi) above shall be viewed seriously and such firms will be blacklisted /debarred.

**3.5** Even while execution of the work, if found that the work was awarded to the Contractor based on false /fake certificates of experience, the Contractor will be blacklisted and work will be taken over.

**3.6** The bidders shall submit a written Power of Attorney authorizing the signatory of the bid to commit on behalf of the bidder.

**3.7** Bidders are advised to find out the latest tax structure, applicability and rates before quoting the plus or minus tender percentage on ECV. Further to reduce the billing difficulties, bidders are advised to quote the percentage with not more than two decimal places.

**3.8 SITE VISIT:** The bidders are advised to visit and examine the site of proposed retrofitting work and obtain all information that may be necessary for preparing the bid such as access to site, communication, transport, leads the quantity of various items of work, the availability of local labor, local working conditions, uncertainties of weather and working seasons etc. The cost of visiting the site shall be at the bidder's own expense. Ignorance of site conditions shall not be accepted by the Purchaser as basis for any extra claim or additional rates or any compensation at a later date. The submission of a bid by the bidder will be construed as evidence that such an examination was made and later claims/disputes in this regard shall not be entertained.

#### **4.0 SUBMISSION OF BIDS:**

The bidders who are desirous of participating in 'e'- procurement shall submit their Technical bids, Price bids etc. in the standard formats prescribed in the Bid documents, displayed at 'e'- marketplace. The bidders should upload the scanned copies in support of their bids. Bidder should take care that the scanned copies are clear & visible. The bidders shall sign on all the statements, documents, certificates, being uploaded by them, owning responsibility for their correctness/authenticity.

If any bidder uploads the bid **without paying BID SECURITY**, the bid will be rejected and the bidder will be black listed. Similarly, if any of the certificates, documents, etc., uploaded by the bidder is/are found to be false/fabricated/bogus, the bidder will be blacklisted and his BID SECURITY forfeited.

The bids shall be uploaded on e-procurement platform with all particulars called for in the schedules enclosed to specification. Bid rates shall be furnished in the enclosed schedules only. There shall not be any deviation from the contents, description, and quantity of the schedule. If the required documents, schedules, forms, supporting documents for Qualifying Requirements (both physical & Financial) are not uploaded on e-platform, the bid will be liable for rejection.

The information sought-for under schedules regarding qualification, financial status etc. shall be uploaded duly filling by typewritten in the formats attached, without interlineations, alterations or modifications. The bidder shall sign all pages of the bid and at the modification / corrections if any before uploading.

In case of JV, the lead partner should only submit the bid in e-procurement or otherwise the bid will be rejected at Prequalification stage itself.

**Standard printed conditions uploaded along with the bid will not be considered or accepted. Deviations from the provisions of the specification will not be considered.**

**It is the responsibility of the Bidder to upload all the signed and scanned documents, Schedules, formats and other documents in the PDF format only. For the Price Bid the bidder shall submit both the downloaded commercial bid in XL file and also signed and scanned PDF file. The Quantities and description against the items of the Schedules shall not be modified.**

**It is the responsibility of the Bidder to upload all the documents required to prove his responsiveness to participate in this bidding as per the Qualification Requirements.**

The bids once submitted on e-procurement platform cannot be withdrawn after scheduled bid submission closing date and also during bid validity period.

**If any bid is withdrawn during the above period, the bidder will be blacklisted apart from forfeiting of bid security.**

**4.1 Submission of Price Bids:** The bidder shall quote rates towards dismantling of existing conventional Bulbs ,Ceiling Fans, Tube lights, Outdoor lights and Installation of LED Bulbs ,Energy Efficient Ceiling Fans, LED Tube Lights, outdoor lights, with all associated works in the price including supply of Brackets and Clamps wherever necessary for fixing of outdoor lights in price bid.

**4.2** (i) As per G.O. Ms. No. 174 dated 01-09-2008 of I & CAD (PWR) submission of original hard copies of the uploaded copies of DD/BG towards EMD and other certificates & documents by participating bidders to the tenders inviting authority is dispensed herewith.



- (ii) All the bidders shall invariably upload the scanned copies of DD/BG in e-procurement system and this will be the primary requirement to consider the bid as responsive.
- (iii) The Department shall carry out the technical bid evaluation solely based on the uploaded certificates/documents, DD/BG towards EMD in the e-procurement system and open the price bids of the responsive bidders.
- (iv) The Department will notify the successful bidder for submission of original hard copies of all uploaded documents DD/BG towards EMD prior to entering into an agreement.
- (v) The successful bidder shall invariably furnish the original DD/BG towards EMD, certificates/documents of the uploaded scanned copies to the Tender inviting authority before entering into an agreement either personally or through courier or post and the receipt of the same within the stipulated date shall be the responsibility of the successful bidder. The APSEEDCO will not take any responsibility for any delay in receipt/non receipt of original DD/BG towards EMD, certificates/documents from the successful bidder before the stipulated time. On receipt of documents the department shall ensure the genuineness of the DD/BG towards EMD and all other certificates/documents uploaded by the bidder in e-procurement system in support of the qualification criteria before concluding the agreement.
- (vi) If any successful bidder fails to submit the original hard copies of uploaded certificates/documents, DD/BG towards EMD within the stipulated time or if any variation is noticed between the uploaded documents and the hard copies submitted by the bidder, the successful bidder will be suspended from participating in the tenders on e-procurement platform for a period of 3 years. Besides this, APSEEDCO shall invoke all processes of law including criminal prosecution of such defaulting bidder as an act of extreme deterrence to avoid delays in the tender process for execution of the **development** schemes taken up by the Government.

**4.3** Bids will be opened on-line at the time, date and place indicated in the NIT.

**4.4** The bidders shall carefully examine the specification and all its enclosures and if they have any doubt as to the meaning of any portion of the specification or enclosures thereto, they shall obtain the required clarifications from the officer to whom the bids are addressed.

**4.5 THE BIDS RECEIVED BY, OTHER THAN E-PROCUREMENT PLATFORM SHALL NOT BE ENTERTAINED UNDER ANYCIRCUMSTANCES.**

**4.6** The bidders are therefore advised to ensure that their bids are uploaded in complete shape in the first instance itself. Post bid rebates, revisions or deviation in quoted price and/or conditions or any such offers which will give benefit to the bidder over others will not only be rejected straightaway but the original bid itself will get disqualified on this account and the bidder's bid security amount will be forfeited.

**4.7 COMPLETENESS OF BID:**

- a) The bid shall be quoted for all the works & all the items as per the bid specification.
- b) Part bids or incomplete bids will not be accepted and will be rejected.

Interested bidders may contact APSEEDCO Andhra Pradesh at Email: [md.apseedco@gmail.com](mailto:md.apseedco@gmail.com) for any clarification.

TENDER issuing authority details:

**Shri A. Chandra Sekhara Reddy,**  
**Managing Director Officer (MD),**  
**Andhra Pradesh State Energy Efficiency Development**  
**Corporation Limited (APSEEDCO),**  
Govt. of Andhra Pradesh, Energy, I&I Dept.,  
2<sup>nd</sup> Floor, 33/11 KV Indoor substation, Museum  
Road, Vijayawada-520002.

Contact Person for queries / submission of Proposals:

1. Sri.G. Sreenivaasulu. Dy.E.E , APSEEDCO, Cell No:-**8897014833**
2. Mr. P. Venkataraju, District Project Manager, APSEEDCO, Cell: **9963015797.**

## **5. SCOPE OFWORK:**

This contract relates to “Dismantling of existing conventional Bulbs, Ceiling Fans, Tube lights, Outdoor lights, -and Installation of Energy Efficient Ceiling Fans, LED Tube Lights, outdoor lights, LED Bulbs in the place of dismantled bulbs etc with all associated works including supply of Brackets and Clamps wherever necessary for fixing of outdoor lights in 171 No’s EHT Sub Stations (108 Nos-132 KV, 58 No’s-220 KV, and 5 No’s- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts).

- 5.1** The selected bidder shall collect the materials and accessories supplied by the Energy Efficiency Services Limited (EESL), Government of India or any other supplier of APSEEDCO at Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts) as per the schedule and hand over the same to the concerned officers for Installation by the bidder.
- 5.2** The selected bidder shall arrange the required manpower and all the tools and Tackles for safe dismantling of the existing Bulbs, Tube lights, ceiling fans, and Outdoor Street lights and for Installation of Energy Efficient LED Bulbs, LED Tube Lights, Ceiling Fans and outdoor lights in the respective places.

The scope shall also include all the works related to transportation of materials from EESL Stores /Supplier stores of respective districts to work spots in the specified in 171 No’s EHT Sub Stations (108 Nos-132 KV, 58 No’s-220 KV, and 5 No’s- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts). with loading and unloading charges.

- 5.3** Rectify the damages caused if any to the materials while dismantling the existing electrical fixtures and supply any minor materials like washers/screws etc., if necessary to install the new energy efficiency fittings.

- 5.4** Hand over the dismantled fixtures /appliances to the designated person/ Engineer-In- charge of APTRANSCO for safe custody and further disposal as required.

## **6. SCHEDULE OF WORKS COVERED:**

- 6.1** The prices indicated in the schedule enclosed in respect of “Dismantling existing ceiling fans, Tube lights, Bulbs and Installation of Energy Efficient Ceiling Fans, LED Tube Lights, outdoor lights, LED Bulbs including transportation and loading & unloading charges, supply of brackets and clamps wherever necessary for fixing of outdoor lights” are inclusive of service tax, Swatch Bharatcess etc., and firm on all accounts and shall not vary under any circumstances as accepted by the bidder as per the rate contract issued by Managing Director/APSEEDCO, Vijayawada.
- 6.2** The quantities indicated in the schedule (Annexure-1) are fixed. The rates payable for such quantities will be quoted rates only.
- 6.3** It may be ensured that check measurement of the quantities shall be done at the level of project Engineer of APSEEDCO before payment as required.

## **7. COST OF TENDER:**

The Bidder shall bear all costs associated with the preparation and submission of its bid, including cost of presentation for the purposes of clarification of the bid, if so desired by the APSEEDCO. APSEEDCO will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process.

## **8. CONTENTS OF THE TENDER SPECIFICATION:**

The Bidder is expected to examine all instructions, forms, and terms and conditions and Statement of Work in the tender documents. Failure to furnish all information required or submission of a tender Document not substantially responsive to the bid in every respect will be at the Bidder’s risk and may result in the rejection of the bid.

## **9. LANGUAGE OF BIDS:**

The Bids prepared by the Bidder and all correspondence and documents relating to the bids exchanged by the Bidder, shall be written in English language, provided that any printed literature furnished by the Bidder may be written in another language so long the same is accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall govern.

## **10. CONFIDENTIALITY:**

APSEEDCO requires that recipients of this document to maintain its contents in the same confidence as their own confidential information and refrain from any public disclosure whatsoever.

## **11. DISCLAIMER:**

APSEEDCO and/or its officers, employees disclaim all liability from any loss or damage, whether foreseeable or not, suffered by any person acting on or refraining from acting because of any information including statements, information, forecasts, estimates or projections contained in this document or conduct ancillary to it whether or not the loss or damage arises in connection with any omission, negligence, default, lack of care or misrepresentation on the part of

APSEEDCO and/or any of its officers, employees.

## **12. AUTHORIZED SIGNATORY (BIDDER):**

The "Bidder" as used in the tender shall mean the one who has signed the tender document forms. The Bidder should be the duly Authorized Representative of the Company/firm. All certificates and documents (including any clarifications sought and any Subsequent correspondences) received hereby, shall, as far as possible, be furnished and signed by the Authorized Representative.

The power or authorization, or any other document consisting of adequate proof of the ability of the signatory to bind the Bidder shall be annexed to the bid in case of a bidder not being a Government body/undertaking/PSU. APSEEDCO may reject outright any proposal not supported by adequate proof of the signatory's authority.

## **13. CORRIGENDUM TO THE TENDERDOCUMENT:**

At any time prior to the last date for receipt of bids, APSEEDCO, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the tender Document by a corrigendum. In order to provide prospective Bidders reasonable time in which to take the corrigendum into account in preparing their bids, APSEEDCO may, at its discretion, extend the last date for the submission of Bids and/or make other changes in the requirements set out in the Invitation for tender.

## **14. EARNEST MONEY DEPOSIT (EMD):**

- 14.1** The Earnest Money amounting to **2% @ total contract value** shall be paid by each bidder, in the form of crossed Demand Draft drawn in favor of Managing Director, APSEEDCO, Vijayawada issued by any Nationalized Bank and payable at Vijayawada, Bank Guarantee issued by a Nationalized Bank/ Scheduled Bank in favor of the Managing Director, APSEEDCO, Vijayawada, and shall cover a period of 45 days over and above the period of bid validity.
- 14.2** Any category of bidders specifically exempted by the Government from the payment of Earnest Money Deposit are not required to make such a deposit provided they enclose copies of documents proving exemption.
- 14.3** The Earnest Money Deposit will be refunded to the successful bidder only after finalization of tender.
- 14.4** In the case of unsuccessful bidders, the Earnest Money Deposit will be refunded to them within three months of finalizing the Tender.
- 14.5** The Earnest Money Deposit will not carry any interest.
- 14.6** **Tenders received without the Earnest Money Deposit other than specified in sub-clause under EMD above will be summarily rejected.**

## **15. LIABILITY FOR DAMAGE TO WORKS AND PLANTS:**

- 15.1** The contractor during the progress of the work shall take every reasonable, proper, timely and useful precaution against accident or injury to the workmen from any cause and shall remain answerable and liable for all accidents or injuries thereto which until the same, or be occasioned by the acts of omissions of the contractor or his workmen or his representatives and all losses and damages to the works as aforesaid, shall be made in

the most complete and substantial manner by and at the sole cost of the contractor and to the reasonable satisfaction of the Engineer. Should such loss or damage happen to units of works or plant or materials falling outside the scope of this contract and due to the lapses of the contractor, these shall be replaced or compensated for by the contractor to the satisfaction of the Engineer.

**15.2** In the case of loss or damage to any portion of the work occasioned by the causes, the same shall if required by the APSEEDCO, be made good by the contractor in like manner but at the cost of the APSEEDCO at a price to be agreed between the contractor and the APSEEDCO and the APSEEDCO shall pay to the contractor the contract value of the portion of the work so lost or damaged or any balance of such contract value remaining unpaid as the case maybe.

**15.3** Until the work shall be or deemed to be taken over as aforesaid, the contractor shall also be liable for and shall indemnify the APSEEDCO in respect of all damage or injury to any person or to any property of the APSEEDCO or other occasioned by the act of the contractor or his workmen or his representatives or by defective design, work or materials but not due to causes beyond his reasonable control.

Provided that the contractor shall not be eligible under the contract for any loss of profit or loss of contracts or any claims made against the APSEEDCO not already provided for in the contract, not for any damage or injury caused by or arising from the acts of the APSEEDCO or of others (save as to damage by fire, as hereinafter provided) due to circumstances over which the contractor has not control nor shall his total liability for loss, damage or injury exceed the total value of the contract.

## **16. FORCEMAJEURE:**

If, at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or act of God(hereinafter referred to as events) provided notice of happenings of any such eventuality is given by either party to the other within 5 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such an event come to an end or cease to exist, and the decision of APSEEDCO as to whether the deliveries have been so resumed or not shall be final and conclusive. Further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reasons of any such event for a period exceeding 30 days, either party may, at its option, terminate the contract.

## **17. EVALUATION OF PROPOSALS:**

The proposals would be evaluated on the basis of the pre-qualification criteria and Bidder's prior experience in the areas mentioned above. The specific experience of the Bidder would be evaluated on the basis of the following information provided along with the prescribed documents:

- Evidence of having successfully carried out similar assignments or any Electrical works
- Evidence of having successfully carried out assignments with Government.
- Sufficient size, organization and management to carry out the entire project.
- Specialized skills and creativity related to the assignment.
- Satisfactory financial turn over for the last 3years.
- However, APSEEDCO in its sole/absolute discretion can apply whatever criteria deemed appropriate in determining the responsiveness of the bid submitted by the respondents.

**The price bid for all pre-qualified bidders will be opened and the contract will be awarded to the lowest price bidder.**

## **18. GENERAL TERMS & CONDITIONS:**

- Intending Bidders are advised to inspect and examine the work sites and satisfy themselves before submitting their tenders and obtain all necessary information as to risks/ contingencies/other circumstances which may influence or affect their tender.
- The Bidder shall be deemed to have full knowledge of the site and scope of work involved whether he inspects it or not and no extra charge consequent on any misunderstanding of site conditions.
- The Bidder shall be responsible for arranging and maintaining at his own cost for all materials, tools& plants, water, electricity access, facilities for workers and all other services required for executing the work.
- The contractors shall transport all the equipment/material and all its accessories to the work site from EESL Stores/Supplier Stores in safe and secure manner. Any material found short or damaged the cost of such material shall be revered from the contractor bill. Canvassing whether directly or indirectly, in connection with tender is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
- The APSEEDCO reserves the right to accept the whole or any part of the bidder and the tender shall be bound to perform the same at the rates quoted. Submission of a tender by a bidder implies that he has made himself aware of the scope of work and tender specifications.
- All Correspondence regarding work, payments and any other field matters such as taking over the site issue of equipment to the bidder etc., shall be addressed to APSEEDCO/Vijayawada.

### **18.1 Qualifying Requirements:**

The Bidder interested in being considered for this project must fulfill the following criteria:

- Should be a firm/company registered/incorporated in India.
- Should be licensed electrical contractor.
- Should have adequate number of staff on pay roll to carry out the works within the completion period.
- Should have a successful track record of carrying the full scope of activities outlined in the scope of work.

- Should have experience in executing electrical works with Governments and Public Sector Undertakings.
- Should submit the client certificate as evidence in the above regard.
- Should not be involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under this contract.
- Should not have the track record of de-listing or black-listing by any Central / State Government / Public Sector Undertaking in India, an Undertaking to this extent has to be furnished along with the TENDER.

**18.2** APSEEDCO reserves the right to verify/confirm all original documentary evidence submitted by the bidder in support of mentioned clauses of qualification requirement/evaluation criteria, failure to produce the same within the period as and when required and notified in writing by APSEEDCO shall result in summary rejection of the bid.

**18.3** APSEEDCO reserves the right to accept or reject any proposal and also award of the work, without assigning any reason.

**18.4** APSEEDCO reserves the right to waive off any shortfalls; accept the whole, accept part of or reject any or all responses to this Tender.

**18.5** APSEEDCO reserves the right to cancel the Tender at any stage and call for fresh TENDER and/or Tender for this project.

**18.6** APSEEDCO reserves the right to call for fresh Tenders at any stage and/or time for any and /or all of the categories as per the present and/or envisaged APSEEDCO project requirements, even if the Tender is at evaluation stage.

**18.7** APSEEDCO reserves the right to add / delete / modify the Scope of Work, as per requirement of the Project.

**18.8** The qualified bidder has to provide the names and contact details of the Team to be deployed at site, to APSEEDCO, in writing, upon award of work.

**18.9** The qualified bidder has to bear all the costs related to photocopy, Tool, stationary, etc. while installation at site.

**18.10** APSEEDCO reserves the right to withdraw the work and get it completed at the risk & cost of the agency, if performance of the agency is unsatisfactory, to whom work has been awarded. Further, the said agency may be de-listed for a period of one year or more for participating in any of the bids invited by APSEEDCO. Also, APSEEDCO would be free to intimate such de-listing / banning to various state/central utilities/ Ministry of Power/ PSU's/ State Governments/ Other agencies not to consider the said agency for any assignment including of the same on websites.

## **19. SPECIFIC CONDITIONS OF THE CONTRACT:**

Materials required for the installation shall be supplied by APSEEDCO through EESL or any other supplier of APSEEDCO. The materials required for the work will be supplied to the bidder at EESL /Supplier stores of respective Districts i.e. Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts).

On award of work(s) to the contractor, the contractor has to take up the work(s) promptly and achieve progress as per the program communicated for each of the work(s).

If the contractor does not show the progress as per the time schedule agreed, the APSEEDCO reserves the right to cancel other work(s).

Balance works may be got executed through alternative agencies at contractor's cost and risk and without prejudice to the right of the APSEEDCO to levy any penalties as per terms of the agreement.

The contractor shall guarantee and be entirely responsible for the execution of the contract in accordance with the general conditions of contract, specification, schedules and appendices.

The contractor shall guarantee and be entirely responsible for the execution of the contract in accordance with the general conditions of contract.

All the material covered under the contract shall be packed in such a manner so as to withstand rough handling during rail and road transport up to site. These materials should be transported and handed over to the concerned Engineer Incharge of APTRANSCO.

Risk of Client's property is entirely of the bidder till completion of work. Any damage done to the Client's property, public property and private property will be made good by the bidder.

The bidder shall further guarantee and be responsible for proper erection within the guaranteed completion and maintenance period and should give a declaration accepting the above along with the bid duly filled and signed in the schedule enclosed.

## **20. INSPECTION DURING EXECUTION OF WORKS:**

The representative of APSEEDCO/APTRANSCO shall have access to the contractor's works at any time during working hours for the purpose of inspecting the works.

As soon as the work is completed the contractor is to inform the same to APSEEDCO and to the 132 KV, 220 KV, and 400 KV EHT Substation concerned officers

## **21. REPLACEMENTS:**

In the event of the materials handed over to the bidder for execution of this contract being lost, damaged or destroyed while being transported and in execution, the bidder shall be liable to make good the loss without any extra cost to the APSEEDCO. In case the contractor fails to return the removed materials arising out of the work, the cost of the materials will be deducted from the contractor's bills in accordance with the provisions in employer's Commercial Accounts Manual.

## **22. SAFETY OF STAFF AND LABORERS:**

The contractor shall provide and make all necessary arrangements for the safety of his staff and laborers at the work site.

APSEEDCO will not in any way, be responsible for any accident, minor or fatal, to any person at the site of works or for any damages arising there from at the site of works or for any damages arising there from during retrofitting and this shall be contractor's responsibility.

The staff insurance charges or litigation occurring out of the contract if any shall be borne by the contractors only.



## **23. TERMS OF PAYMENT:**

### **The payment terms are as follows:**

- a. 100% payment will be made within 45 days of the date of completion of work upon submission of Invoice by the contractors along with the completion certificates duly certified by Engineer In-charge of APTRANSCO and APSEEDCO. No interest will be paid in case the payment is delayed but all efforts shall be made to make the timely payments.
- b. Payment for the works done will be made by cheque on any scheduled bank by the paying officer.
- c. If the contractor has received any over payments by mistake or if any amounts are due to the APSEEDCO due to any other reason, when it is not possible to recover such amounts under the contract resulting out of this specification, the APSEEDCO reserves the right to collect the same from any other amounts and/or bank guarantees given by the company due to or with the APSEEDCO.
- d. The contractor at any time does not fulfill his obligations in retrofitting/rectifying etc., of the damaged/defective works in part or whole promptly to the satisfaction of the APSEEDCO'S officers, the APSEEDCO reserves the right not to accept the bills.
- e. All the payment will be made in Indian rupees only.
- f. **Taxes and duties/GST as applicable** on the date of release of payment.
- g. The paying officer is MD/APSEEDCO/Vijayawada.

## **24. COMPLETIONPERIOD:**

All the work's as detailed in this contract shall be completed in all respects within 60 days from the date of receipt of detailed contract award letter or the date of handing over of material whichever is later.

Completion period shall be reckoned from the date of handing over of material and completion period will be as decided in the respective work in each case.

The completion period shall be firm, definite, un-conditional and on the basis of transport of materials in good condition and Installation/ Retrofitting of appliances at the work site. The contractor should take care of all the concerns.

## **25. DELAYS BEYOND CONTRACTOR'SCONTROL:**

The contractor shall not be entitled to claim compensation on account of delays or hindrances to the works for any cause whatsoever. Should the cause of delay or hindrance not be the responsibility of the contractor, the MD/APSEEDCO will consider whether it is possible or not to grant extension of time to compensate for this delay or hindrance.

The contractor will not, however be eligible for any compensation by way of increase in the rates for the works executed beyond the contract period.

## **26. EXTENSION OF TIME FORCOMPLETION:**

Where a work cannot be completed within the completion period indicated for reasons beyond the control of the contractor, the contractor under such exceptional circumstances shall represent for the same and extension of time shall be granted only on the issue of an undertaking by the contractor that he will not put forth at a later date, claims for extra payments towards increased overheads, labor costs etc.

## **27. PENALTY FOR DELAYS INCOMPLETION:**

(i) General: The time for and the dates for completion of retrofitting/dismantling, mentioned in the order shall be deemed to be the essence of the contract.

(ii) The date of written intimation of completion of works to the concerned APSEEDCO/Engineer In-charge of APTRANSCO will be taken as the date of completion.

### **a) Penalties after overall completion period:**

“In case of delay in execution of the works beyond overall completion period, whatever may be the reasons; the APSEEDCO shall levy and collect the liquidated damages@ **0.5%** per week of the delay on the delayed value of the works. However, the sum of the liquidated damages stated above is subject to a **maximum of 10% of the total value** of the contract. Once the maximum is reached, APSEEDCO may consider termination of the contract.

The right of the APSEEDCO to of liquidated damages shall be without prejudice to its rights under the law including the right to get the balance works executed by other agencies at the risk and cost of the successful bidder. This is in addition to the right of the APSEEDCO to recover any damages from the contractor and also blacklisting.

In case the successful bidder fails to execute the supplies/works as per the program or in the opinion of purchaser, the supplies/works are progressing at a slow pace, APSEEDCO reserves its right to get the balance or part of supplies/works executed through other agencies at the risk and cost of the successful bidder, this is in addition to the right of the APSEEDCO to recover any damage from the contractor and also blacklisting.

## **28. SIGNING OF THE AGREEMENT:**

The selected bidder through Bid evaluation by APSEEDCO is required to attended this office within '2 days from receipt of the L.O.I for entering into an agreement on a Non-judicial stamp paper worth Rs 100/-.

## **29. TERMINATION OFCONTACT:**

If it is found that the commencement/progress of work is not commensurate with the programme of completion, APSEEDCO will be entitled to terminate the contract in full by giving one- week notice.

## **30. JURISDICTION:**

All and any disputes or differences arising out of or touching the order against this specification shall be decided only by the courts or Tribunals situated in Vijayawada city.No suit or other legal proceedings shall be instituted elsewhere.

## **31. INCOMETAX:**

As applicable as on the date of release of payment, Income Tax will be deducted from gross bills as per the Income Tax Act.

### **32. DECLARATION OF THE BIDDER:**

The Bidder has to submit the following declaration with regard to their tender:

We hereby submit that we understand all the terms & conditions mentioned in the Bid Document and we confirm for adherence of the same. It is also submitted that the information submitted is true and bidding on us in all aspects.

### **33. PERFORMANCE BANKGUARANTEE:**

- a) The successful bidder has to submit 10% of the value of Contract as Performance Bank guarantee which shall be returned after one year of trouble free operation from the date of successful Installing of all the Energy Efficient Appliance as per Schedule. The Performance Guarantee shall be in the form of Bank guarantee as per pro-forms in the tender document.
- b) Any breach of the terms and conditions of the contract, abnormal delays and unsatisfactory performance shall attract forfeiture of the Performance Bank guarantee.
- c) If during the period of guarantee, the equipment works performance is poor on account of bad workmanship; such works shall be attending by the contractor at free of cost within reasonable time failing which the cost of the works incurred will be deducted from the next bills / bank guarantee/ demand draft.

## TENDER FORMS:

TENDER is to be submitted in the following format along with the necessary documents as listed. The TENDER shall be liable for rejection in the absence of requisite supporting documents. TENDER should provide information against each of the applicable requirements. In absence of the same, the TENDER shall be liable for rejection.

### TENDER Form 1: TENDER Letter Proforma

To

The Managing Director  
APSEEDCO  
Vijayawada

Sub: Installation/ Retrofitting of Existing Conventional Bulbs, Tube Lights, and Ceiling Fans & out Door Street Lights with Energy Efficient Appliances in **171 No's EHT Sub Stations** (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts)- Reg.

Sir,

The undersigned Bidders, having read and examined in detail all the TENDER documents in respect of appointment of a Bidder for Selection of Installation Agency/Firms for Installation/Retrofitting of the existing conventional Ceiling Fans, Tube lights, Outdoor lights, Bulbs with Energy Efficiency Ceiling Fans, LED Tube Lights, outdoor lights, LED Bulbs with all associated works in **171 No's EHT Sub Stations** (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts) as specified in the scope of work.

.No	Description	Bidders information
1.	Name of the Bidder	
2.	Address of the Bidder	
3.	Name of the contact person to whom all references shall be made regarding this Tender	
4.	Designation of the person to whom all references shall be made regarding this Tender	
5.	Address of the person to whom all references shall be made regarding this Tender	
6.	Telephone (with STD code)	
7.	E-Mail of the contact person	
8.	Fax No. (with STD code)	

**Document forming part of EoI:**

- Form 2: Minimum Eligibility
- Form 3: Prior Experience
- Form 4: Declaration Letter
- Form 5: Financial Bid
- We hereby declare that our bid is made in good faith and the information contained therein is true and correct to the best of our knowledge and belief.

Thanking you.

Yours faithfully

(Signature of the Bidder)

Name:

Designation:

Seal:

Date:

Place:

Business Address:

Witness:

Bidder:

Signature

Signature

### **34. EoI Form 2: Minimum Eligibility:**

[The Bidder should not include the figures of the subcontractors for EoI Form 2]

1.1	Name of Firm/Company	
1.2	Year of Registration/ Incorporation	
1.3	Year of Registration/ Incorporation *	
1.4	Number of Employees as on March 31, 2019	
1.5	Annual Turnover from Consultancy Services**	F.Y 2017-2018, F.Y 2018-2019 , F.Y. 2019- 2020
1.6	Annual Profits **	

\*Enclose a copy of Registration document

\*\*Enclose a copy of Audited Financial Statement with respect to information furnished in 1.5 and 1.6 (in case of a bidder not being a Government body/undertaking/PSU)

Witness:

Signature

Name

Address

Date

Bidder:

Signature

Name

Designation

Company/Firm

Date

**35. EoI Form 3: Prior Experiences:**

i. Using the format below, provide information on each assignment for which your firm, and each associate for this assignment, was legally contracted either individually as a corporate entity or as one of the major companies within an association, for consulting services similar to the ones requested under this assignment. The Bidder should give information about minimum of three projects covering the area.

A. Name of Bidder/Firm:

B. Assignment/job name:

C. Nature of Assignment:

D. Description of Project

E. Approx. value of the contract (in Rupees):

F. Location :

G. Duration of Assignment/ job in months :

H. Name of the Employer

I. Address and contact details:

J. Total No of staff :

K. Approx. value of the Assignment/job  
provided by your firm under the contract  
(in Rupees) :

L. Start date (month/year):

M. Completion date (month/ year) :

N. Name of associated Bidders, if any:

O. No of professional staff- months Provided by  
associated Bidders:

P. Name of senior professional staff of your firm  
involved and functions performed. :

Q. Description of actual Assignment/job

Provided by your staff within the  
Assignment/job:

Witness:

Signature

Name

Address

Date

Bidder:

Signature

Name:

Designation:

Company/Firm:

Date



**36. EoI Form 4: Declaration Letter.**

- i. [Declaration of sub-contractor including parent company is also needed if the relevant Memorandum of Understanding (MoU) is submitted]  
Declaration Letter on official letter head stating the following:
- ii. We are not involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under this contract
- iii. We are not black-listed by any Central / State Government / Public Sector Undertaking in India

Witness:

Bidder:

Signature\_\_\_\_\_

Signature\_\_\_\_\_

Name\_\_\_\_\_

Name\_\_\_\_\_

Address\_\_\_\_\_

Designation\_\_\_\_\_

Company\_\_\_\_\_

Company \_\_\_\_\_

Date\_\_\_\_\_

Date \_\_\_\_\_

### **37. Tender Form 5 : Tender Financial Bid**

To

The Managing Director,  
APSEEDCO,  
Vijayawada.

**Sub:** Retrofitting the Existing Conventional Bulbs, Tube Lights, Ceiling Fans and out Door Street Lights with Energy Efficient Appliances for **171 No's EHT Sub Stations** (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts) under the funding assistance of APSEEDCO, GoAP- Reg.

Sir,

The undersigned Bidders, having read and examined in detail all the tender documents in respect of appointment of a Energy Bidder for Selection of Installation Agency/Firms for Installation/ retrofitting of the existing conventional Ceiling Fans, Tube lights, Outdoor lights, Bulbs with Energy Efficiency Ceiling Fans, LED Tube Lights, outdoor lights, LED Bulbs with all associated works in **171 No's EHT Sub Stations** (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts) do hereby express interest for the entire work as specified in the scope of work for Rs. .... /-

**(Rupees..... only.** The price bid (Schedule-A) is given below.

#### **Price bid (Schedule-A)**

<b>S.No.</b>	<b>Description of works</b>	<b>Total quantities</b>	<b>Unit cost quoted excluding GST (Rs.)</b>	<b>Total Cost quoted excluding GST (Rs)</b>
1	Replacement of the existing CFL/ incandescent bulb with new 9W LED bulb supplied by EESL/APSEEDCO at <b>171 No's EHT Sub Stations</b> (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts) stores including transportation, all fixing accessories/connections such as leads and clamps etc complete for the finished item of work	<b>2353</b>		
2	Replacement of existing Tube Light (36W/ 40W) with new 20 w LED Tube Light (Poly carbonate Integrated) luminaries supplied by EESL/APSEEDCO at <b>171 No's EHT Sub</b>	<b>7915</b>		

	<p><b>Stations</b> (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts) stores, including transportation and giving connections with core wire etc. along with repacking of dismantled light complete for the finished item of work.</p>			
3	<p>Replacement of existing ceiling fan with Five star rated EE fan supplied by EESL/APSEEDCO at <b>171 No's EHT Sub Stations</b> (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts) stores (removing the ceiling fan and fixing new EE fan including transportation and giving connections with twin core wire etc. and repacking removed fan) complete for the finished item of work.</p>	<b>1983</b>		
4.	<p>Replacement of existing outdoor Light(SVL 125W/ MVL 125W or equivalent street lights)with new LED Outdoor Light luminare (70W) supplied by EESL/APSEEDCO <b>171 No's EHT Sub Stations</b> (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts) stores, including transportation, all fixing accessories / connections such as leads and clamps etc. complete for the finished item of work along with repacking of dismantled light complete for the finished item of work and supply of brackets and clamps wherever necessary.</p>	<b>442</b>		
5.	<p>Replacement of existing outdoor Light(SVL 250W/ MVL 250W or equivalent street lights)with new LED Outdoor Light luminare (110W) supplied by EESL/APSEEDCO at <b>171 No's EHT Sub Stations</b> (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts) stores, including transportation, all fixing accessories / connections such as leads and clamps etc. complete for the finished item of work along with repacking of dismantled light</p>	<b>4384</b>		

	complete for the finished item of work and supply of brackets and clamps wherever necessary.			
6.	Replacement of existing outdoor Light(SVL 400W/ MVL 400W/HVL 400W or equivalent street lights)with new Flood Light luminare (190W) supplied by EESL/APSEEDCO at <b>171 No's EHT Sub Stations</b> (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts) stores, including transportation, all fixing accessories / connections such as leads and clamps etc. complete for the finished item of work along with repacking of dismantled light complete for the finished item of work and supply of brackets and clamps wherever necessary.	1941		
	Total value of the bid in Rupees.			
	GST			
	Total value of the bid with GST ( Rs)			
(Rupees in words: )				

**Note to bidders:** The Quantities of indicated in Schedule-A are tentative only. They are likely to vary slightly during execution.

### 38. PROFORMA FOR PERFORMANCE BANKGUARANTEE

Bank Guarantee No.	
Bank Guarantee	
Amount Expiry Date	
Claim	
Amount	M/s.
Account	

#### THIS GUARANTEE AGREEMENT

executed at this \_\_\_\_\_ Day of \_\_\_\_\_ Two Thousand Twenty

BY:

\_\_\_\_\_ Bank, a body corporate constituted under Banking Corporation (Acquisition and Transfer of Undertakings) Act, 1970/1980, having its Registered Office/Head Office at \_\_\_\_\_, and a Branch Office at \_\_\_\_\_ (Herein Referred to as "the Guarantor",

Which expression shall, unless it be repugnant to the subject or context thereof, be deemed to mean and include its successors and assigns)

IN FAVOUR OF:

ANDHRA PRADESH STATE ENERGY CONSERVATION MISSION, STATE DESIGNATED AGENCY (SDA) first state of Andhra Pradesh under the provisions of Energy Conservation Act 2001 and having its registered office at APSEEDCO, 2<sup>nd</sup> Floor, 33kv/11kv Indoor SS, Governor pet, Vijayawada (hereinafter referred to as "APSEEDCO" which expression shall unless it be repugnant to the subject, meaning or context thereof, be deemed to mean and include its successors and assigns),

**WHEREAS** APSEEDCO pursuant to the Tender Documents, general terms and conditions of Contract, the Agreement and the Purchase Orders (hereinafter collectively referred to as "the said documents", the Bank has agreed to purchase from M/s... ..and M/s... .. has agreed to supply to APSEEDCO certain items of equipment(s), tools and machinery, more particularly described in the Schedule/Annexure to the said documents (hereinafter collectively referred to as "the Equipment"), subject to payment of the purchase price as stated in the said documents and also subject to the terms, conditions, covenants, provisions and stipulations contained the said documents.

**AND WHEREAS** pursuant to the above arrangement, APSEEDCO, has placed work Order No. dated, for purchasing the Equipment and execution of work (here in after referred to as "the work Order"), with M/s. .... (Herein after referred to as "Supplier"), which expression shall unless it be repugnant to the subject or context thereof, be deemed to mean and include its successors), subject to the terms and conditions contained in the said documents and the Supplier has duly confirmed the same.

**AND WHEREAS** the Supplier has returned the duplicate of the Purchase Order duly signed in token of its unconditional, unqualified and absolute acceptance, vide its letter dated and has confirmed the performance/ execution of the Purchase Order and the said documents.

**AND WHEREAS** the said documents and the unconditional, unqualified and absolute acceptance by the Supplier are hereinafter collectively referred to as "the Contract".

**AND WHEREAS** in terms of the Contract, the Supplier has agreed to procure an unconditional and irrevocable performance bank guarantee, in favor of APSEEDCO, from a Bank acceptable to APSEEDCO for securing. Towards faithful observance and performance by the Supplier of the terms, conditions, covenants, stipulations, provisions of the Contract.

**AND WHEREAS** at the request of the Supplier, the Guarantor has agreed to guarantee The Bank, payment of the 10% of the Contract value amounting to ..... (IN WORDS) towards faithful observance and performance by the supplier of the terms of the Contract.

**NOW THEREFORE THIS AGREEMENT WITNESSETH AS FOLLOWS:**

In consideration of the premises, the Guarantor hereby unconditionally, absolutely and irrevocably guarantees to APSEEDCO as follows:

The Guarantor hereby guarantees and undertakes to pay, on demand, to APSEEDCO at its **office at Vijayawada forth with, the..... or any part thereof,** as the case may be, as aforesaid due to APSEEDCO from the Supplier, towards any loss, costs, damages, etc. suffered by APSEEDCO on account of default of the Supplier in the observance and performance of the terms, conditions, covenants, stipulations, provisions of the Contract, without any demur, reservation, contest, recourse or protest or without any reference to the Supplier. Any such demand or claim made by APSEEDCO, on the Guarantor shall be conclusive and binding notwithstanding any difference or any dispute between APSEEDCO and the Supplier or any dispute between APSEEDCO and the Supplier pending before any Court, Tribunal, Arbitrator, or any other authority.

- The Guarantor undertakes not to revoke this Guarantee during the currency of these presents, without the previous written consent of APSEEDCO and further agrees that the Guarantee herein contained shall continue to be enforceable until and unless it is discharged earlier by APSEEDCO, in writing.
- APSEEDCO shall be the sole judge to decide whether the Supplier has failed to perform the terms of the Contract for supply of Equipment by the Supplier to APSEEDCO and on account of the said failure what amount has become payable by the Supplier to APSEEDCO under this Guarantee. The decision of APSEEDCO in this behalf shall be conclusive and binding on the Guarantor and the Guarantor shall not be entitled to demand APSEEDCO to establish its claim under this Guarantee but shall pay the sums demanded without any objection, whatsoever.
- To give effect to this Guarantee, APSEEDCO, may act as though the Guarantor was the principal debtor to APSEEDCO.
- The liability of the Guarantor, under this Guarantee shall not be affected by\_
- Any change in the constitution or winding up of the Supplier or any absorption, merger or amalgamation of the Supplier with any other Company, Corporation or concern; or
- Any change in the management of the Supplier or takeover of the management of the Supplier by the Government or by any other authority; or

Acquisition or nationalization of the Supplier and/or of any of its undertaking(s) pursuant to any law; or any change in the constitution of the Bank; or any change in the setup of the Guarantor which may be by way of change in the constitution, winding up, voluntary or otherwise, absorption, merger or amalgamation or otherwise; or The absence or deficiency of powers on the part of the Guarantor to give Guarantees and/or Indemnities or any irregularity in the exercise of such powers.

Notwithstanding anything contained hereinabove, the liability of the Guarantor hereunder shall not exceed the rupee equivalent of.....(IN WORDS) being the 10 % of the Contract value.

This Guarantee will expire on \_\_\_\_\_. Any demand or claim under This Guarantee must be received by the Guarantor by \_\_\_\_ and if no such demand or claim has been received by the Guarantor by the date mentioned as aforesaid, then all the rights of APSEEDCO under this Guarantee shall cease.

For all purposes connected with this Guarantee and in respect of all disputes and differences under or in respect of these presents or arising there from the courts of Vijayawada city where APSEEDCO has its Head Office shall alone have jurisdiction to the exclusion of all other courts.

IN WITNESS WHEREOF the Guarantor has caused these presents to be executed on the day, month and year first herein above written as hereinafter appearing.

SIGNED AND DELIVERED BY

The within named Guarantor,

\_\_\_\_\_,  
By the hand of Shri. \_\_\_\_\_, its authorized official.

**Note:**

**-a) The Name and Designation of the Authorized officer(s) of the bank should be compulsorily mentioned.**

**b) A copy of the resolutions/power of attorneys authorizing the officer(s) for executing the aforesaid guarantee.**

**ANNEXURE**  
**BOO (171 No's EHT Sub Stations)**

I. The work is to be executed in the following areas of in **171 No's EHT Sub Stations** (108 Nos-132 KV, 58 No's-220 KV, and 5 No's- 400 KV) in Visakhapatnam and Kadapa Zones i.e., Visakhapatnam, Srikakulam, Vizianagaram, East Godavari, West Godavari, Ananthapur, Chittoor, Kurnool, Kadapa Circles (Districts).

**District wise Break up for the Quantities:**

<b>S · N o</b>	<b>District (Circle) Name</b>	<b>LED Bulbs 9 W</b>	<b>LED Tube Lights 40 W</b>	<b>EE FAN S50 W</b>	<b>Outdoor LED Street. Lights (70W)</b>	<b>Outdoor LED Street. Lights (110W)</b>	<b>Outdoor Flood Street. Lights (190W)</b>
<b>1</b>	<b>Visakhapatnam</b>	262	1151	288	281	435	319
<b>2</b>	<b>Srikakulam</b>	51	163	63	6	69	55
<b>3</b>	<b>Vizianagaram</b>	67	325	77	4	154	0
<b>4</b>	<b>East Godavari</b>	216	587	232	7	322	172
<b>5</b>	<b>West Godavari</b>	145	708	174	44	263	202
<b>6</b>	<b>Ananthapur</b>	209	910	303	4	845	251
<b>7</b>	<b>Chittoor</b>	287	1077	257	0	674	483
<b>8</b>	<b>Kadapa</b>	671	972	223	78	926	0
<b>9</b>	<b>Kurnool</b>	445	2022	366	18	696	459
	<b>Total</b>	<b>2353</b>	<b>7915</b>	<b>1983</b>	<b>442</b>	<b>4384</b>	<b>1941</b>



**1. Sub Station wise break up of Bill of Quantity for Visakhapatnam Circle (District) in 11 No's 132 KV , 7 No's 220 KV and 1 No's 400 KV EHT Substation**

ANNEXURE-I							
Visakhapatnam Circle							
S.no	Name of the Substation	LED Bulb	LED Tube light	No. of ceiling Fans	LED Street light	LED Street light	Flood light
		9W	20 W	50 W	70W	110W	190W
1	220/132/33 KVSS Dairy farm	6	45	12	0	40	6
2	132/33 KVSS Naval wharf	2	41	6	0	35	5
3	220 KVSS Brandix	14	49	12	56	0	0
4	132/33KVSS common point	0	22	4	16	0	0
5	220 kv ss Pendurthi	1	56	16	0	82	10
6	220 kv vss sector 9 vleleunagaram	1	67	13	40	24	0
7	220 kv Parawada ss	23	53	12	45	0	0
8	132 kv DGNP ss	4	38	7	20	0	0
9	132 kv Anandapuram ss	0	36	8	0	40	0
10	132 kv Payakaraopet	0	12	4	10	0	0
11	132 kv koruprolu ss	8	45	13	0	26	0
12	132 kv Port	6	25	4	27	0	0
13	220 kv Gajuwaka ss	58	205	98	23	107	0
14	132 kv Nakkavanipalem ss	9	14	5	19	0	0
15	132 kv Chodavaram ss	22	24	11	25	0	0
16	220 kvss Anarak	4	26	5	0	33	0
17	132 kvss Araku	24	9	6	0	16	0
18	132 kv, VSEZ SS, DUVVADA	16	34	14	0	32	0
19	400 kv substation, Kalapaka, vsp	64	350	38	0	0	298
<b>TOTAL</b>		<b>262</b>	<b>1151</b>	<b>288</b>	<b>281</b>	<b>435</b>	<b>319</b>

**2. Sub Station wise break up of Bill of Quantity in Srikakulam Circle (DISTRICT) for 7 No's 132 KV EHT Substation**

ANNEXURE-II							
SRIKAKULAM Circle							
S.no	Name of the Substation	LED Bulb	LED Tube light	No. of ceiling Fans	LED Street light	LED Street light	Flood light
		9W	20 W	50 W	70W	110W	190W
1	132/33KV substation, Palasa	6	6	7	0	12	0
2	132/33KV substation, Ichapuram	11	35	7	0	0	20
3	132/33KV substation, Pathapatnam	10	27	6	0	0	24
4	132/33KV substation, Palakonda	1	8	18	0	0	11
5	132/33KV substation, Chilakapalem	11	28	9	6	4	0
6	132/33KV substation, Narasannapeta	8	26	7	0	28	0
7	132/33KV substation, Pydibhimavaram	4	33	9	0	25	0
TOTAL		51	163	63	6	69	55

**3. Sub Station wise break up of Bill of Quantity in Vizianagaram Circle (DISTRICT) – 6 No's 132 KV , 3 Nos 220 KVEHT Substation**

ANNEXURE-III						
Vizianagaram Circle						
S.no	Name of the Substation	LED Bulb	LED Tube light	No. of ceiling Fans	LED Street light	LED Street light
		9W	20 W	50 W	70W	110W
1	132 kv substation parvathipuram	9	37	6	4	10
2	132 kv kothavalasa substation	0	19	4	0	13
3	132 kv substation Tenu boddavara	7	26	8	0	10
4	132 kv substation vontithadi	10	22	5	0	16
5	132 kv ss Goldstar	0	17	3	0	11
6	132 kv substation bobbili	12	28	9	0	9
7	220 kv substation Garividi	7	53	13	0	25
8	220 kv substation Bobbili Growth cener	15	62	14	0	24
9	220 kv Bheemannadorapalem switching station	7	61	15	0	36
TOTAL		67	325	77	4	154

**4. Sub Station wise break up of Bill of Quantity in East Godavari Circle (DISTRICT) –12 No's 132 KV , 4 Nos 220 KV and 1 No's 400 KV EHT Substation.**

ANNEXURE-IV							
RAJAMAHENDRAVARAM CIRCLE							
S.no	Name of the Substation	LED Bulb	LED Tube light	No. of ceiling Fans	LED Street light	LED Street light	Flood light
		9W	20 W	50 W	70W	110W	190W
1	132/33 kv ss mallaypeta	8	11	5	3	3	0
2	220/132/33 kv ss Bommuru	1	56	40	1	12	2
3	132/33 kv ss Rajanagaram	30	62	15	0	38	0
4	132 kv ss, kondagunturu	20	33	10	0	28	0
5	132/33 substation	7	15	5	0	32	0
6	132/33 kv substation Amalapuram	7	41	12	0	29	0
7	132/33 kv substation kothapeta	14	24	8	2	31	0
8	132 kv ss, Prathipadu	4	24	7	1	25	0
9	132 kv Prathap Nagar sub-station	18	26	9	0	12	0
10	220 KV KAKINADA	10	51	28	0	0	0
11	132 kv substation, Pitapuram	17	23	8	0	22	0
12	220 kv substation, Samalkota	13	65	23	0	0	0
13	132 ss Peddapuram	19	33	15	0	18	0
14	400 kv ss vemagiri	7	2	15	0	0	170
15	220 kv ss Rampachowdavaram	1	45	10	0	18	0
16	132 kv sub-station , Ramachandrapuram	7	22	6	0	26	0
17	132 kv sub-station , yeditha	33	54	16	0	28	0
TOTAL		216	587	232	7	322	172

**5. Sub Station wise break up of Bill of Quantity in East Godavari Circle (DISTRICT) – 11 No's  
132 KV , 5 Nos 220 KV and 1 No's 400 KV EHT Substation**

ANNEXURE-V							
West Godavari Circle							
S.no	Name of the Substation	LED Bulb	LED Tube light	No. of ceiling Fans	LED Street light	LED Street light	Flood light
		9W	20 W	50 W	70W	110W	190W
1	132/33 kv substation, kamavarupukota	3	14	5	0	6	4
2	220/132 kv substation, kamavarupukota	7	47	17	0	55	3
3	400 kv substation, kamavarupukota	8	254	14	13	35	139
4	132 KV Substation, Nidadavole	4	18	8	0	22	0
5	132 KV Substation, Tanuku	9	12	7	0	16	0
6	132/33 KV Substation, Penugonda	9	9	8	0	15	0
7	132/33 KV Substation, Kovvur	10	13	5	0	2	0
8	220/132 KV Substation, Brahmanagudem	8	62	25	0	30	0
9	220 kv sub-station undi, Bhimavaram	4	50	21	3	10	4
10	132 kv substation Narsapuram	4	28	9	6	8	3
11	220 kv sub-station Bhimavaram	15	24	8	0	12	13
12	132 kv sub-station Saggonda	5	24	6	0	4	0
13	132 kv sub-station chintalapudi	6	20	9	0	0	18
14	132 kv ss Pedatadepalli	42	60	10	12	22	18
15	220 kv sub-station, Bhimadole	0	52	15	6	10	0
16	132 kv sub-station, Pedavegi	8	2	1	0	6	0
17	132 kv sub-station, Eluru	3	19	6	4	10	0
TOTAL		145	708	174	44	263	202

**6. Sub Station wise break up of Bill of Quantity in Ananthapur Circle (District) – 12 No's 132 KV ,12 No's 220 KV EHT Substation**

ANNEXURE-VI							
ANANTHAPUR CIRCLE							
S.no	Name of the Substation	LED Blab	LED Tube light	No. of ceiling Fans	LED Street light	LED Street light	Flood light
		9W	20 W	50 W	70W	110W	190W
1	132 kv ss Tanakallu	35	0	6	0	31	0
2	132 kv ss	23	28	8	4	24	0
3	132 kv ss kadiri	11	26	7	0	18	8
4	132 kv Thumukunta	14	33	16	0	53	0
5	220kv ss Hindupur	10	53	22	0	45	0
6	220 kv switching station, shapuram	0	38	3	0	46	80
7	komali RT ss 132 kv	20	39	13	0	4	34
8	132/33 kv komukunta	4	27	13	0	22	0
9	132/33 ss Guntakal	4	30	6	0	26	2
10	220 kv RS Gooty substation	0	60	21	0	54	0
11	220 kv RTSS, Gooty	2	43	8	0	33	0
12	220 kv switching station, Gooty	0	62	19	0	53	0
13	220 kv Bukkaraya samudram, ATP	0	72	31	0	59	10
14	220 kv ss Tadipathri	0	59	17	0	15	78
15	132 kv ss Uravakonda	4	31	13	0	40	0
16	220 kv ss Ragulapadu	22	50	14	0	53	0
17	220 kv Vajrakarur	20	32	8	0	41	0
18	132 kv ss Rayadurg	0	28	8	0	14	0
19	220 kv Boyareddypali	0	28	11	0	24	0
20	132 kv sub-station Puttaparthi	9	27	6	0	10	28
21	220 kv ss Kalayandurg	4	85	31	0	103	0
22	220 kv ss Ramagiri	12	29	9	0	17	6
23	132 kv sub-station Ankampalli	8	22	7	0	43	0
24	132 kv ss jammalabanda	7	8	6	0	17	5
<b>TOTAL</b>		209	910	303	4	845	251

**7. Sub Station wise break up of Bill of Quantity in Chittoor Circle (DISTRICT) –18 No's 132 KV ; 6 No's 220 KV and 1 No's 400 KV EHT Substation**

ANNEXURE-VII							
TIRUPATHI CIRCLE							
S.no	Name of the Substation	LED Bulb	LED Tube light	No. of ceiling Fans	LED Street light	LED Street light	Flood light
		9W	20 W	50 W	70W	110W	190W
1	400 kv substation, Mahadevamangalam	10	318	62	0	80	391
2	220 kv ss chittoor	15	29	6	0	17	0
3	220 kv ss kalikiri	19	46	8	0	0	48
4	220 kv substation Palamaneru	36	54	21	0	20	0
5	220 kv substation Nagari	11	49	11	0	47	0
6	220 kv ss Timmapuram	26	36	9	0	28	0
7	220 kv ss Renigunta	1	77	25	0	87	0
8	132 kv ss santhipuram	6	10	5	0	20	6
9	132 kv substation Puttur	9	22	8	0	13	0
10	132 kv ss srikalahasti	5	30	7	0	30	0
11	132 kv substation Madanapalli	2	16	4	0	12	0
12	132 kv substation Tirupati	10	45	10	0	40	0
13	132 kv ss Pakala	6	13	3	0	22	0
14	132 kv substation kothapalimitta	0	18	4	0	12	2
15	132 kv ss chandragiri	4	24	9	0	22	0
16	132 kv ss Burakayalakota	10	21	4	0	21	0
17	132 kv ss Rompicharla	21	43	6	0	8	23
18	132 kv ss kuppam	12	21	4	0	13	9
19	132 kv ss Pungunuru	7	29	4	0	28	0
20	132 kv ss Nagalapuram	30	40	12	0	25	0
21	132 kv substation Irala	8	30	8	0	5	4
22	132 kv ss Gurramkonda	11	24	7	0	45	0
23	132 kv ss Tirumala	2	24	9	0	25	0
24	132 kv ss somala	11	28	4	0	32	0
25	132 kv ss sivaramapuram	15	30	7	0	22	0
<b>TOTAL</b>		<b>287</b>	<b>1077</b>	<b>257</b>	<b>0</b>	<b>674</b>	<b>483</b>

**8. Sub Station wise break up of Bill of Quantity in Kadapa Circle (DISTRICT) –15 No's 132 KV , 9 Nos. 220 KVEHT Substation**

ANNEXURE-VIII							
KADAPA CIRCLE							
S.no	Name of the Substation	LED Bulb	LED Tube light	No. of ceiling Fans	LED Street light	LED Street light	Flood light
		9W	20 W	50 W	70W	110W	190W
1	220/132 kv C.K.Palli	3	114	17	0	75	0
2	132 kv chouta palli	4	38	9	0	17	0
3	220 kv ss Kadapa	0	15	10	0	23	0
4	132 kv ss Rayachoti	19	27	5	0	35	0
5	132 kv ss sambepalli	22	35	8	0	55	0
6	132 kv ss Rajampeta	35	26	5	14	9	0
7	220/33 kv substation kodur	40	29	7	30	0	0
8	132 kv ss Vontimitta	17	41	4	10	25	0
9	220 kv ss Rajampeta	31	40	7	17	0	0
10	132 kv ss Nallingayapalli	12	14	7	0	18	0
11	220 kv substation yerragunta	4	52	21	0	127	0
12	132 kv ss Moolavanka	2	44	13	2	30	0
13	132 kv ss Proddatur	22	14	4	0	26	0
14	220 kv Mydukur ss	26	26	4	0	24	0
15	132 kv RT SS muddanur	22	36	9	0	30	0
16	132 kv sub-station, Jammaladugu	53	41	8	0	47	0
17	132 kv ss VEMPALLI	61	34	7	0	32	0
18	132 kv ss Balapanur, Simhadripuram	30	57	5	0	17	0
19	132 kv substation, Pulivendula	30	17	4	0	14	0
20	220 kv ss Pulivendula	85	70	20	0	75	0
21	132 kv Automation Substation, Lingala	11	33	7	0	30	0
22	220 kv ss Kondapuram	73	54	20	0	88	0
23	132 kv substation Kondapuram	33	46	8	0	56	0
24	220 kv ss Thimmapuram	36	69	14	5	73	0
<b>TOTAL</b>		<b>671</b>	<b>972</b>	<b>223</b>	<b>78</b>	<b>926</b>	<b>0</b>

**9. Sub Station wise break up of Bill of Quantity in Kurnool Circle (DISTRICT) –  
16 No's 132 KV , 12 Nos. 220 KV and 1 No's 400 KV EHT Substation**

ANNEXURE-XI							
KURNOOL CIRCLE							
S.no	Name of the Substation	LED Bulb	LED Tube light	No. of ceiling Fans	LED Street light	LED Street light	Flood light
		9W	20 W	50 W	70W	110W	190W
1	132 kv ss Dhone	6	20	5	0	0	20
2	132 kv ss cement Nagar	8	26	9	0	11	15
3	132 kv sub-station Pathikonda	10	45	5	0	0	20
4	132 kv sub-station Madhavaram	10	24	9	0	0	3
5	132 kv ss Atmakur	5	23	5	0	20	0
6	220 kv Kambalapadu	17	43	11	0	49	1
7	220 kv switching station	21	56	17	0	0	65
8	132 kv Racherla	10	26	14	0	24	0
9	220 kv ss Gundlakonda	30	56	16	0	51	10
10	220 kv Lakkasagaram	24	68	15	0	47	10
11	220 kv ss Muchumarri	4	24	5	0	5	0
12	220 kv Brahmanakotkur	16	22	13	0	0	41
13	220 kv sub-station, Malyala	11	56	16	0	32	2
14	220 kv ss krishnagiri	7	41	14	0	39	0
15	132 kv ss Nandikotkur	14	31	13	0	24	0
16	132 kv ss, yemmigaur	8	25	9	0	0	12
17	132 kv sub-station, Kurnool	18	53	19	0	8	0
18	220 kv somayajulapalli	7	67	20	0	4	12
19	400 kv sub-station, Narnoor	38	967	45	18	74	185
20	132 kv substation Banaganapalle	18	27	6	0	36	0
21	132 kv Guduru	19	41	8	0	28	0
22	220 kv sub-station, kurnool	18	85	15	0	66	13
23	132 kv ss Allagadda	11	35	6	0	14	11
24	220 kv substation Nandyala	18	29	17	0	65	17
25	220 kv substation Bilakalaguduru	19	31	12	0	28	4
26	132 kv substation Alur	42	27	11	0	12	0
27	132 kv ss Adoni	12	27	9	0	9	15
28	132 kv ss srisailam	14	28	13	0	32	0
29	132 kv ss Ankireddypalli	10	19	9	0	18	3
<b>TOTAL</b>		<b>445</b>	<b>2022</b>	<b>366</b>	<b>18</b>	<b>696</b>	<b>459</b>

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